European Journal of Immunogenetics (1993), **20**, 519–525

AUTHOR INDEX

ALBERT, E.D. *see* BETTINOTTI, M. DE LA PAZ
ALBERT, E.D. *see* NEVINNY-STICKEL, C.
ALBERT, E. *see* YAO, Z.
ALBERT, E. *see* YAO, Z.
AMAR, A., BATTAT, S., ANTEBY, S.O., BRAUTBAR, C. & REUBINOFF, B.E. Invasive squamous cell carcinoma of the cervix: is HLA-DQ a disease marker in Jewish patients? 327
ANTEBY, S.O. *see* AMAR, A.
ARCHER, J.R. *see* WHELAN, M.A.
AUGUSTINE, C. *see* BAXTER, A.G.
AVAKIAN, H. *see* SAGE, D.A.
AVAKIAN, H., FORDE, H., BAKER, F., O'SHEA, J., CLEAVER, S. & GOLDMAN, J.M. Correlation between HLA class II, DNA crossmatching and MLR 510
AWOMOYI, A.W., DONN, R.P., CARTHY, D., THOMSON, W. & OLLIER, W. Absence of TAP 2D in Yoruba Nigerians 503

BAKER, C. *see* VAUGHAN, R.W.
BAKER, F. *see* AVAKIAN, H.
BARNARDO, M. *see* WELSH, K.I.
BARTOVA, A. *see* BETTINOTTI, M. DE LA PAZ
BARTZOKAS, C. *see* KHALIL, I.
BATCHELOR, J.R. *see* SAGE, D.A.
BATTAT, S. *see* AMAR, A.
BAXTER, A.G., HAMILTON, F., MANDEL, T.E., AUGUSTINE, C., COOKE, A. & MORAHAN, G. Genetic basis for diabetes resistance in NOD/Wehi mice 409
BAYNE, A.M. *see* SUTTON, P.M.
BECKING, A., PLUSCHKE, G., KRAWINKEL, U., MELCHERS, I., PETER, H.H. & LANG, B. HLA-DRB1* gene sequences in HLA-DR4 positive and negative patients with rheumatoid arthritis 83
BEO, J. & VARGHESE, Z. Limiting dilution analysis and estimation of precursor cell frequencies in renal transplantation 516
BEO, J. & VARGHESE, Z. Prospective CTLp assay for live-related renal transplant 517
BETTINOTTI, M. DE LA PAZ, KOLEK, A., BRÜNNLER, G., HAAS, P., PAUL, C., HOCHBERGER, M., BARTOVA, A., KIMURA, A., SASAZUKI, T. & ALBERT, E.D. Polymorphism of the 5′ flanking region of the HLA-DQA1 gene in coeliac disease 399
BETTINOTTI, M.P. *see* YAO, Z.
BETTINOTTI, M.P. *see* YAO, Z.
BHAVANI, M. *see* BOWMAN, S.J.
BISHARA, A., KEDAR, E., LESHEM, B., SLAVIN, S., COHEN, I. & BRAUTBAR, C. A 2-day MLR procedure for marrow donor selection for allogeneic bone marrow transplantation 289
BLACKWELL, J.M. *see* ROBERTS, M.
BLACKWELL, J. *see* MOCK, B.
BODMER, J.G. *see* KRAUSA, P.
BODMER, J.G. *see* LEAHY, M.G.
BODMER, J.G. *see* SADLER, A.M.
BODMER, J.G. *see* MARSH, S.G.E.
BONTROP, R.E. *see* HALL, M.A.
BONTROP, R.E. *see* JAEGER, E.E.M.
BONTROP, R.E. *see* THIEL, C.
BOWMAN, S.J., SIVAKUMARAN, M., SNOWDEN, N., BHAVANI, M., HALL, M.A., PANAYI, G.S. & LANCHBURY, J.S. Arthropathy in the large granular lymphocyte syndrome is associated with HLA-DR4: a new syndrome in rheumatoid arthritis 501
BRAUTBAR, C. *see* AMAR, A.
BRAUTBAR, C. *see* BISHARA, A.
BRAUTBAR, C. *see* BISHARA, A.
BRETT, A.R. *see* LEAHY, M.G.
BROWN, C.J., PATHAN, S., GREEN, T. & NAVARRETE, C.V. Soluble HLA-C locus antigens may be detected using inhibition of the complement dependent microlymphocytotoxicity test 497
BROWNING, M.J. *see* KRAUSA, P.
BROWNING, M.J. *see* SADLER, A.M.
BROWNING, M.J. *see* HOWELL, W.M.
BRÜNNLER, G. *see* BETTINOTTI, M. DE LA PAZ
BRÜNNLER, G. *see* YAO, Z.
BRÜNNLER, G. *see* YAO, Z.
BUNCE, M. & WELSH, K.I. Rapid HLA-C typing using sequence-specific primers (PCR-SSP) 489
BURR, C. *see* GUTTRIDGE, M.G.
BUX, J., SPENGEL, U. & MUELLER-ECKHARDT, G. Quantitation of HLA class II antigens on B-cell lines 189

CAIRNS, T. *see* WELSH, K.I.
CARTHY, D. *see* AWOMOYI, A.W.
CARTHY, D. *see* HAJEER, A.H.
CARTHY, D. *see* THOMSEN, W.

CARTHY, D. *see* THOMSON, W.
CARTHY, D., OLLIER, W., PAPASTERIADES, C., PAPPAS, H. & THOMSON, W. A shared HLA-DRB1 sequence confers RA susceptibility in Greeks 391
CARTHY, D., PAPASTERIADES, C., THOMSON, W., MARKUSSEN, G.M., UNDLIEN, D., OLLIER, W. & RØNNINGEN, K. HLA class II linkage disequilibria and haplotype frequencies in a Greek population 505
CHARRON, D. *see* KHALIL, I.
CHARRON, D. *see* LEPAGE, V.
CLEAVER, S.A. *see* JORDAN, F.
CLEAVER, S.A. *see* JORDAN, F.
CLEAVER, S. *see* AVAKIAN, H.
COHEN, I. *see* BISHARA, A.
COHEN, I. *see* BISHARA, A.
COLOMBANI, J. *see* ZHAO, Y.P.
COLOMBANI, J. *see* ZHAO, Y.P.
CONNOLLY, J., DEARDON, D. & SINNOTT, P.J. The pig as a model for solid organ transplantation: the definition of SLA-DRB polymorphism using DNA-RFLP and PCR-SSCP techniques 486
CONSTANTINIDOU, N. *see* THOMSON, W.
COOKE, A. *see* BAXTER, A.G.
CORNELIUS, F. *see* JAWAHEER, D.
CREPALDI, T. *see* D'ALFONSO, S.

D'ALFONSO, S., SAVOIA, P., PITTI, G., PERUCCIO, D., POZZI, C., CREPALDI, T., FALDA, M., FICARA, F., RESEGOTTI, L. & MOMIGLIANO RICHIARDI, P. Quantitative expression of HLA class I molecules in acute non-lymphoblastic leukaemia cells 165
DAHLÉN, G.H., SLUNGA, L., HOLMLUND, G., LANGÖ, A. & LINDBLOM, B. Lp(a) lipoprotein and HLA-DR genotype in early coronary artery disease 95
DARKE, C. *see* FUSSELL, H.
DARKE, C. *see* SAGE, D.A.
DAVIES, E.J., HUTCHINGS, C.J., HILLARBY, M.C., DONN, R.P., GRENNAN, D.M. & OLLIER, W.E.R. HLA-DP does not contribute towards SLE susceptibility 500
DAVIES, E. *see* DONN, R.P.
DAVIES, E. *see* DONN, R.P.
DAVIS, W.C. *see* RUFF, G.
DAVIS, W.C. *see* RUFF, G.
DAWKINS, R.L. *see* DEGLI-ESPOSTI, M.A.
DEARDON, D. *see* CONNOLLY, J.
DEGLI-ESPOSTI, M.A., WILLIAMSON, J.F., TAY, G.K., SALMON, B., JOSEPH, G.A., MORLEY, A.A. & DAWKINS, R.L. Genomic MHC haplotyping of mutant cell lines using a novel marker 373
DEICHER, H.G. *see* YAO, Z.
DEICHER, H.G. *see* YAO, Z.
DELPECH, M. *see* FAN, Q.
DEVEREUX, S.A. *see* HOWELL, W.M.
DONN, R.P. *see* AWOMOYI, A.W.
DONN, R.P. *see* DAVIES, E.J.
DONN, R.P., DAVIES, E., HOLT, L., THOMSON, W. & OLLIER, W. Increased frequency of TAP2B in early onset pauciarticular juvenile chronic arthritis 468
DONN, R.P., DAVIES, E., THOMSON, S., HILLARBY, M.C. & OLLIER, W. TAP gene associations in UK caucasoids 504
DONN, R.P. *see* THOMSON, W.
DONN, R.P. *see* THOMSON, W.
DOUAY, C. *see* KHALIL, I.
DOUGLAS, J.F. *see* MARTIN, J.
DRACOU, C. *see* THOMSON W.
DRAUSA, P. *see* SADLER, A.M.
DU, H. *see* VAUGHAN, R.W.
DUBEY, D.P., MIRZA, N.M., ZAHARIAN, B.I. & YUNIS, E.J. Role of a genetic region on chromosome 4 in the regulation of natural killer cell activity in mice 381
DUNBAR, M.M. & HAWKINS, B.R. Comparison of HLA class II typing results for Chinese bone marrow transplant patients and their matched, unrelated donors using serological and molecular typing techniques 509
DYER, P. *see* POULTON, K.
DYER, P.A. *see* SHELDON, S.
DYER, P. *see* POULTON, K.

EASTMAN, S. *see* WASSMUTH, R.
EVANS, P.R. *see* HOWELL, W.M.
EVANS, P.R. *see* HOWELL, W.M.
EVANS, P.R. *see* REYNOLDS, W.M.

FALDA, M. *see* D'ALFONSO, S.
FAN, L.A. *see* ZHAO, Y.P.
FAN, L.A. *see* ZHAO, Y.P.
FAN, Q., URING-LAMBERT, B., WEILL, B., GAUTREAU, C. & DELPECH, M. Complement component C4 deficiencies and gene alterations in patients with systemic lupus erythematosus 11
FERENCIK, S. & GROSSE-WILDE, H. A simple photometric detection method for HLA-DRB1 specific PCR-SSP products 123
FERRARA, G.B. *see* PISTILLO, M.P.
FICARA, F. *see* D'ALFONSO, S.
FORDE, H. *see* AVAKIAN, H.
FORMAN, D. *see* LEAHY, M.G.
FUSSELL, H., STREET, J., THOMAS, M. & DARKE, C. HLA-B8JON — a possible variant of HLA-B8 498

GARNER, S.F., LANCASTER, P., SMITHERS, S. & LUBENKO, A. The use of random, pooled, frozen lymphocytes for detecting HLA antibodies by flow cytometry 512
GAUTREAU, C. *see* FAN, Q.
GAVIRA, N. *see* JORDAN, F.
GAVRIA, N. *see* JORDAN, F.
GAWRON, C. *see* YAO, Z.
GAWRON, C. *see* YAO, Z.
GE, Y. *see* ZHAO, Y.P.
GE, Y. *see* ZHAO, Y.P.
GOLDMAN, J.M. *see* AVAKIAN, H.
GOLDMAN, J.M. *see* SAGE, D.A.
GRANT, S. *see* TURNER, D.M.
GREEN, T. *see* BROWN, C.J.
GRENNAN, D.M. *see* DAVIES, E.J.
GRESHAM, M.J. *see* JORDAN, F.
GROSSE-WILDE, H. *see* FERENCIK, S.
GROUNDS, M.D. *see* LYNCH, D.M.
GUTTRIDGE, M.G., BURR, C. & KLOUDA, P.T. Identification of HLA-B35, B53, B18, B5, B78 and B17 genes by the polymerase chain reaction using sequence-specific primers (PCR-SSP) 488

HAAS, P. *see* BETTINOTTI, M. DE LA PAZ
HAEGERT, D.G. *see* HOWELL, W.M.
HAJEER, A.H., KAY, R., CARTHY, D. & OLLIER, W.E.R. Differential expression of HLA class II on peripheral blood cells and EBV cell lines 502
HAŁASA, J., KACPRZAK-BERGMAN, I., MAŃCZAK, M. & SCHLESINGER, D. Phenotype distribution of the third component of complement (C3) and of the properdin B factor (BF) in children with mumps meningitis 267
HALL, M.A. *see* BOWMAN, S.J.
HALL, M.A., JAEGER, E.E.M., BONTROP, R.E. & LANCHBURY, J.S. Interspecies variation in primate T-cell receptor β-chain repertoire 470
HAMILTON, F. *see* BAXTER, A.G.
HAMPSON, V.J. *see* SUMMERS, C.W.
HANLEY, P.C. *see* JORDAN, F.
HARMER, A.W. *see* HEADS, A.
HARMER, A.W. *see* NORMAN, P.J.
HARMER, A.W., LIGGETT, H., NORMAN, P.J. & MARTIN, S. Microcytotoxicity and flow cytometry assays for antiepithelial cell antibodies compared in a national collaborative study of paediatric renal transplants 477
HARTUNG, K. *see* YAO, Z.
HARTUNG, K. *see* YAO, Z.
HAWK, J.L.M. *see* VAUGHAN, R.W.
HAWKINS, B.R. *see* DUNBAR, M.M.
HAYES, K. *see* HOWELL, W.M.
HEADS, A., HARMER, A.W., NORMAN, P.J. & VAUGHAN, R.W. Rapid antibody screening using EBV cell pools 513
HEMMATPOUR, S.K. *see* REYNOLDS, W.M.
HILGERS, J. *see* MOCK, B.
HILLARBY, M.C. *see* DAVIES, E.J.
HILLARBY, M.C. *see* DONN, R.P.
HOCHBERGER, M. *see* BETTINOTTI, M. DE LA PAZ
HOLMAN, R.H. *see* JORDAN, F.
HOLMAN, R.H. *see* JORDAN, F.
HOLMBERG, E. *see* WASSMUTH, R.
HOLMLUND, G. *see* DAHLÉN, G.H.
HOLT, L. *see* DONN, R.P.
HOLT, L. *see* THOMSEN, W.
HOWALD, M. *see* RUFF, G.
HOWALD, M. *see* RUFF, G.
HOWELL, W.M. *see* REYNOLDS, W.M.
HOWELL, W.M. *see* SAGE, D.A.
HOWELL, W.M., EVANS, P.R., DEVEREUX, S.A., SAGE, D.A., SMITH, J.L. & HAEGERT, D.G. Absence of strong HLA-DR/DQ-DP linkage disequilibrium in the British and French Canadian caucasoid populations 363
HOWELL, W.M., EVANS, P.R., HAYES, K., KRAUSA, P. & BROWNING, M.J. Use of the DNA-based ARMS-PCR technique for HLA-A19 subtyping in renal transplant matching 494
HOWELL, W.M., LEUNG, S.T., MURRAY, A., JONES, D.B., NAKSHABENDI, I. & WRIGHT, D.H. HLA-DRB, DQA and DQB polymorphism in coeliac disease and enteropathy-associated T-cell lymphoma 484
HUTCHINGS, C.J. *see* DAVIES, E.J.
HUTCHINSON, I.V. *see* TURNER, D.M.

ITOH, Y., OGASAWARA, K. & ONOÉ, K. Fine analysis of recognition sites of monoclonal antibodies, 1B7 and 1E4, using L cell transfectants of recombinant mouse MHC class II genes 23

JAEGER, E.E.M. *see* HALL, M.A.
JAEGER, E.E.M., BONTROP, R.E. & LANCHBURY, J.S. An investigation into the structure, diversity and evolution of T-cell receptor β-chains in primates 487
JAWAHEER, D., OLLIER, W.E.R., SILMAN, A.J., CORNÉLIUS, F. & WORTHINGTON, J. Assessment of T-cell receptor gamma locus contribution to rheumatoid arthritis susceptibility using a highly polymorphic dinucleotide repeat marker 474
JAWAHEER, D., OLLIER, W.E.R. & THOMSON, W. Multiplex ARMS-RFLP: a simple and rapid method for HLA-DR4 subtyping 175
JONES, D.B. *see* HOWELL, W.M.

JOOSTEN, I. *see* RUFF, G.
JOOSTEN, I. *see* RUFF, G.
JORDAN, F., GAVIRA, N., CLEAVER, S.A., HOLMAN, R.H. & MADRIGAL, J.A. Frequency of HLA DRB1* associations in a large sample of the Caucasian population 507
JORDAN, F., MCWHINNIE, A.J., GAVIRA, N., HANLEY, P.C., GRESHAM, M.J., CLEAVER, S.A., HOLMAN, R.H. & MADRIGAL, A. Association of subtypes of DRB1*01 with HLA A, B and DQ loci in a large Caucasian population 506
JOSEPH, G.A. *see* DEGLI-ESPOSTI, M.A.

KACPRZAK-BERGMAN, I. *see* HAŁASA, J.
KALDEN, J.R. *see* WASSMUTH, R.
KAY, P.H. *see* LYNCH, D.M.
KAY, R. *see* HAJEER, A.H.
KEDAR, E. *see* BISHARA, A.
KEDAR, E. *see* BISHARA, A.
KELLER, E. *see* YAO, Z.
KELLER, E. *see* YAO, Z.
KHALIL, I., SPYROPOULOU, M., MALLET, C., LOSTE, M.N., DOUAY, C., LAPERRIÈRE, J., BARTZOKAS, C., LEPAGE, V., CHARRON, D. & STAVROPOULOS, C. HLA class II polymorphism and IDDM susceptibility in the Greek population 193
KIMURA, A. *see* BETTINOTTI, M. DE LA PAZ
KLOUDA, T. *see* GUTTRIDGE, M.G.
KOCKUM, I. *see* WASSMUTH, R.
KOFFMAN, C.G. *see* NORMAN, P.J.
KOLEK, A. *see* BETTINOTTI, M. DE LA PAZ
KOSKIMIES, S. *see* LAITINEN, T.
KOSKIMIES, S. *see* WESTMAN, P.
KRAUSA, P., ALLSOP, C., BODMER, J.G. & BROWNING, M.J. Tissue typing the HLA-A locus in three black populations using ARMS PCR 492
KRAUSA, P. *see* HOWELL, W.M.
KRAUSA, P. *see* SADLER, A.M.
KRAWINKEL, U. *see* BECKING, A.
KUISMIN, T. *see* WESTMAN, P.

LAITINEN, T., KOSKIMIES, S. & WESTMAN, P. Foeto-maternal compatibility in HLA-DR, -DQ, and -DP loci in Finnish couples suffering from recurrent spontaneous abortions 249
LAMB, W. *see* TURNER, D.M.
LAMM, L.U. *see* LEPAGE, V.
LANCASTER, P. *see* GARNER, S.F.
LANCHBURY, J.S. *see* BOWMAN, S.J.
LANCHBURY, J.S. *see* HALL, M.A.
LANCHBURY, J.S. *see* JAEGER, E.E.M.
LANCHBURY, J.S. *see* THIEL, C.
LANG, B. *see* BECKING, A.
LANGÖ, A. & LINDBLOM, B. HLA DQA-DQB haplotypes in a Swedish population 453
LANGÖ, A. *see* DAHLÉN, G.H.
LAPERRIÈRE, J. *see* KHALIL, I.
LAZARY, S. *see* RUFF, G.
LAZARY, S. *see* RUFF, G.
LAZARY, S. *see* RUFF, G.
LEAHY, M.G., MOSES, J.H., SADLER, A.M., MARSH, S.G.E., TONKS, S., BRETT, A.R., FORMAN, D., OLIVER, R.T.D. & BODMER, J.G. Class II DNA typing in testis cancer families 485
LEPAGE, V. *see* KHALIL, I.
LEPAGE, V., LAMM, L.U. & CHARRON, D. Molecular aspects of HLA class II and some autoimmune diseases 153
LERNMARK, A. *see* WASSMUTH, R.
LESHEM, B. *see* BISHARA, A.
LESHEM, B. *see* BISHARA, A.
LEUNG, S.T. *see* HOWELL, W.M.
LIGGETT, H. *see* HARMER, A.W.
LINDBLOM, B. *see* DAHLÉN, G.H.
LINDBLOM. B. *see* LANGÖ, A.
LINDGREN, S. *see* WASSMUTH, R.
LINDHAGEN, T. *see* WASSMUTH, R.
LO, A. *see* WELSH, K.I.
LOISEAU, P. *see* ZHAO, Y.P.
LOISEAU, P. *see* ZHAO, Y.P.
LÓPEZ-LARREA, C. *see* MARTÍNEZ-NAVES, E.
LOSTE, M.N. *see* KHALIL, I.
LUBENKO, A. *see* GARNER, S.F.
LYNCH, D.M., KAY, P.H., PAPADIMITRIOU, J.M. & GROUNDS, M.D. Studies on the structure of complement C3 and the stability of C3 derived phagocytic ligands C3b/iC3b in SJL/J and BALB/c mice 1

MADRIGAL, A. *see* JORDAN, F.
MADRIGAL, J.A. *see* JORDAN, F.
MALLET, C. *see* KHALIL, I.
MAŃCZAK, M. *see* HAŁASA, J.
MANDEL, T.E. *see* BAXTER, A.G.
MANTERO, S. *see* PISTILLO, M.P.
MARKUSSEN, G.M. *see* CARTHY, D.
MARSH, S.G.E. *see* LEAHY, M.G.
MARSH, S.G.E. *see* SADLER, A.M.
MARSH, S.G.E. & BODMER, J.G. HLA class II nucleotide sequences, 1992 47
MARTIN, J., MIDDLETON, D. & DOUGLAS, J.F. HLA-DR matched blood does not affect sensitization in renal recipients 511
MARTIN, S. *see* HARMER, A.W.
MARTIN, S. *see* ROBSON, A.
MARTIN, S. *see* SINNOTT, P.J.
MARTÍNEZ-NAVES, E., PEÑA, M. & LÓPEZ-LARREA, C. T-cell receptor α, δ and γ chain

genes in insulin-dependent diabetes mellitus 317
McQUILKIN, S.N. *see* REYNOLDS, W.M.
McWHINNNIE, A.J. *see* JORDAN, F.
MEGAW, G. *see* MIDDLETON, D.
MEIYUN, W. *see* YIPING, H.
MELCHERS, I. *see* BECKING, A.
MENAGE, P. *see* VAUGHAN, R.W.
MIDDLETON, D. *see* MARTIN, J.
MIDDLETON, D. *see* WILLIAMS, F.
MIDDLETON, D., MEGAW, G. & SAVAGE, D. TAP1 and TAP2 polymorphisms in multiple sclerosis patients 467
MIKSCHL, S. *see* YAO, Z.
MIKSCHL, S. *see* YAO, Z.
MIRZA, N.M. *see* DUBEY, D.P.
MOCK, B.A. *see* ROBERTS, M.
MOCK, B., BLACKWELL, J., HILGERS, J., POTTER, M. & NACY, C. Genetic control of *Leishmania major* infection in congenic recombinant inbred and F2 populations of mice 335
MOMIGLIANO RICHIARDI, P. *see* D'ALFONSO, S.
MORAHAN, G. *see* BAXTER, A.G.
MORLEY, A.A. *see* DEGLI-ESPOSTI, M.A.
MORLING, F. *see* SUMMERS, C.W.
MOSES, J.H. *see* LEAHY, M.G.
MUELLER-ECKHARDT, G. *see* BUX, J.
MURRAY, A. *see* HOWELL, W.M.

NACY, C. *see* MOCK, B.
NAKSHABENDI, I. *see* HOWELL, W.M.
NAVARRETE, C.V. *see* BROWN, C.J.
NEVINNY-STICKEL, C. & ALBERT, E.D. HLA class II typing in a microtitre plate formate using digoxigenin-labelled amplified DNA and biotin-labelled oligonucleotide probes 419
NORMAN, P.J. *see* HARMER, A.W.
NORMAN, P.J. *see* HEADS, A.
NORMAN, P.J., HARMER, A.W., KOFFMAN, C.G. & VAUGHAN, R.W. Monitoring of post transplant antibody using EBV cell pools 515

O'SHEA, J. *see* AVAKIAN, H.
OGASAWARA, K. *see* ITOH, Y.
OLIVER, R.T.D. *see* LEAHY, M.G.
OLLIER, W.E.R. *see* DAVIES, E.J.
OLLIER, W.E.R. *see* HAJEER, A.H.
OLLIER, W.E.R. *see* JAWAHEER, D.
OLLIER, W. *see* AWOMOYI, A.W.
OLLIER, W. *see* CARTHY, D.
OLLIER, W. *see* CARTHY, D.
OLLIER, W. *see* DONN, R.P.
OLLIER, W. *see* POULTON, K.
OLLIER, W. *see* POULTON, K.
OLLIER, W. *see* THOMSON, W.
ONOÉ, K. *see* ITOH, Y.

PAGE, G. *see* VAUGHAN, R.W.
PANAYI, G.S. *see* BOWMAN, S.J.
PAPADIMITRIOU, J.M. *see* LYNCH, D.M.
PAPASTERIADES, C. *see* CARTHY, D.
PAPASTERIADES, C. *see* CARTHY, D.
PAPPAS, G. *see* CARTHY, D.
PARHAM, P. *see* ZEMMOUR, J.
PARTANEN, J. *see* WESTMAN, P.
PATHAN, S. *see* BROWN, C.J.
PAUL, C. *see* BETTINOTTI, M. DE LA PAZ
PAUL, C. *see* YAO, Z.
PEÑA, M. *see* MARTÍNEZ-NAVES, E.
PEPPER, L. *see* POULTON, K.
PEPPER, L. *see* POULTON, K.
PEPPER, L. *see* POULTON, K.
PEPPER, L. *see* THOMSON, W.
PEPPER, L. *see* THOMSON, W.
PERUCCIO, D. *see* D'ALFONSO, S.
PETER, H.H. *see* BECKING, A.
PISTILLO, M.P., SUN, P.F., MANTERO, S. & FERRARA, G.B. Shared epitopes of the HLA-DR10 molecule recognized by murine mAbs 111
PITTI, G. *see* D'ALFONSO, S.
PLUSCHKE, G. *see* BECKING, A.
POTTER, M. *see* MOCK, B.
POULTON, K., PEPPER, L., THOMSON, W., DYER, P. & OLLIER, W. Molecular typing of HLA-B27 alleles 483
POULTON, K., PEPPER, L., THOMSON, W., DYER, P. & OLLIER, W. HLA class I and class II alleles and haplotypes in RA families 499
POULTON, K., THOMSON, W., PEPPER, L., KOHSAKA, H., CARSON, D.A., DYER, P. & OLLIER, W. HLA-DR genotyping by enzyme-linked covalent capture PCR (PCR-ELISA) 496
POZZI, C. *see* D'ALFONSO, S.

REGLI, J.G. *see* RUFF, G.
RESEGOTTI, L. *see* D'ALFONSO, S.
REUBINOFF, B.E. *see* AMAR, A.
REYNOLDS, W.M., EVANS, P.R., HEMMATOPOUR, S.K., McQUILKIN, S.N., WILSON, P.J., HOWELL, W.M. & SMITH, J.L. A comparison of two monoclonal antibodies with PCR-SSOP for HLA B27 typing 495
ROBERTS, M., MOCK, B.A. & BLACKWELL, J.M. Mapping of genes controlling *Leishmania major* infection in CXS recombinent inbred mice 349
ROBSON, A. & MARTIN, S. T and B cell crossmatching using three-colour flow cytometry 514
RØNNINGEN, K. *see* CARTHY, D.
RUFF, G., JOOSTEN, I., HOWALD, M., DAVIS, W.C. & LAZARY, S. Serological and biochemical detection of B-cell antigens in goats 273

RUFF, G., REGLI, J.G. & LAZARY, S. Occurrence of caprine leucocyte class I and class II antigens in Saanen goats affected by caprine arthritis (CAE) 285

SADLER, A.M., KRAUSA, P., BROWNING. M.J., MARSH, S.G.E. & BODMER, J.G. HLA-B locus-tissue typing sequence-specific primers in allele or group-specific ARMS/PCR 491
SADLER, A.M. *see* LEAHY, M.G.
SAGE, D.A., HOWELL, W.M., DARKE, C., TAYLOR, G.M., YIN, J.L., AVAKIAN, H., BATCHELOR, J.R. & GOLDMAN, J.M. Incidence of HLA-DPA1 and HLA-DPB1 mismatches in a series of HLA-A, B and DR serologically matched related and unrelated bone marrow transplant pairs 479
SAGE, D.A. *see* HOWELL, W.M.
SALMON, B. *see* DEGLI-ESPOSTI, M.A.
SAVAGE, D. *see* MIDDLETON, D.
SCHLESINGER, D. *see* HAŁASA, J.
SHELDON, S. & DYER, P.A. Re-infection in heart transplants strongly correlates with HLA mismatch: a single centre study 478
SHELDON, S. *see* TURNER, D.M.
SILMAN, A.J. *see* JAWAHEER, D.
SIMPSON, E. T-cell repertoire selection by mouse mammary tumour viruses 137
SINNOTT, R.J. *see* CONNOLLY, J.
SINNOTT, P.J. *see* TURNER, D.M.
SINNOTT, P.J., TURNER, D.M. & MARTIN, S. DNA extraction from archived transplant patient serum samples: a rapid and highly technically simple system to establish sample mixing using a polymorphic microsatellite marker 475
SIVAKUMARAN, M. *see* BOWMAN, S.J.
SLAVEN, S. *see* BISHARA, A.
SLUNGA, L. *see* DAHLÉN, G.H.
SMITH, J.L. *see* HOWELL, W.M.
SMITH, J.L. *see* REYNOLDS, W.M.
SMITHERS, S.A. The use of homozygous donors for the provision of HLA compatible platelets 508
SMITHERS, S. *see* GARNER, S.F.
SNOWDEN, N. *see* BOWMAN, S.J.
SPYROPOULOU, M. *see* KHALIL, I.
STARCK, M. *see* WASSMUTH, R.
STAVROPOULOS, C. *see* KHALIL, I.
STREET, J. *see* FUSSELL, H.
SUMMERS, C.W., MORLING, F. & TAYLOR, G.M. HLA class I genotyping analysis by multilocus PCR 490
SUMMERS, C.W., HAMPSON, V.J. & TAYLOR, G.M. HLA class I non-coding nucleotide sequences, 1992 201
SUN, P.F. *see* PISTILLO, M.P.
SUNDKVIST, G. *see* WASSMUTH, R.
SUTTON, P.M., BAYNE, A.M. & WELSH, K.I. The flow cytometric detection of alloantibodies using pooled CLL cells 476

TAY, G.K. *see* DEGLI-ESPOSTI, M.A.
TAYLOR, G.M. *see* SAGE, D.A.
TAYLOR, G.M. *see* SUMMERS, C.W.
TAYLOR, G.M. *see* SUMMERS, C.W.
THE MEMBERS OF THE SLE STUDY GROUP *see* YAO, Z.
THE MEMBERS OF THE SLE STUDY GROUP *see* YAO, Z.
THIEL, C., BONTROP, R.E. & LANCHBURY, J.S. T-cell receptor α-chain repertoire in the non-human primates *Pan troglodytes* and *Macaca mulatta* 471
THOMAS, M. *see* FUSSELL, H.
THOMSEN, W., DONN, R.P., PEPPER, L., CARTHY, D., RYDER, C., SOUTHWOOD, T., HOLT, L. & OLLIER, W. ANA antibodies in early onset pauciarticular JCA are associated with HLA-DPB1*0201 and DRB1*1301: a possible JCA-associated haplotype 481
THOMSON, S. *see* DONN, R.P.
THOMSON, W. *see* AWOMOYI, A.W.
THOMSON, W. *see* CARTHY, D.
THOMSON, W. *see* CHARTHY, D.
THOMSON, W. *see* DONN, R.P.
THOMSON, W. *see* JAWAHEER, D.
THOMSON, W. *see* POULTON, K.
THOMSON, W. *see* POULTON, K.
THOMSON, W., DONN, R.P., PEPPER, L., CARTHY, D., DRACOU, C., CONSTANTINIDOU, N. & OLLIER, W. HLA-DRB1*1104 and DPB1*201 are not increased in Greek pauciarticular juvenile chronic arthritis patients 482
THURZ, T. *see* WELSH, K.I.
TONKS, S. *see* LEAHY, M.G.
TURNER, D.M. *see* SINNOTT, P.J.
TURNER, D.M., LAMB, W., GRANT, S., SHELDON, S., HUTCHINSON, I.V. & SINNOTT, P.J. Human tumour necrosis factor linked microsatellite markers and *in vitro* TNF levels in heart transplant recipients 473

UNDLIEN, D. *see* CARTHY, D.
URING-LAMBERT, B. *see* FAN, Q.

VAN DAM, M. *see* WELSH, K.I.
VARGHESE, Z. *see* BEO, J.
VARGHESE, Z. *see* BEO, J.
VAUGHAN, R.W. *see* HEADS, A.
VAUGHAN, R.W. *see* NORMAN, P.J.
VAUGHAN, R.W., MENAGE, P., DU, H., PAGE, G., BAKER, C. & HAWK, J.L.M. Actinic prurigo is associated with DR4 in British caucasoids 469

WASSMUTH, R., EASTMAN, S., KOCKUM, I., HOLMBERG, E., STARCK, M., LINDHAGEN, T., KALDEN, J.R., LERNMARK, Å., SUNDKVIST, G. & LINDGREN, S. HLA DR and DQ RFLP analysis in Crohn's disease 429
WEILL, B. *see* FAN, Q.
WELSH, K.I. *see* BUNCE, M.
WELSH, K.I. *see* SUTTON, P.M.
WELSH, K.I., LO, A., CAIRNS, T., THURZ, T., VAN DAM, M. & BARNARDO, M. Amino acid matching influences antibody titre and defines differences between HLA-A and HLA-B 480
WESTMAN, P. *see* LAITINEN, T.
WESTMAN, P., KUISMIN, T., PARTANEN, J. & KOSKIMIES, S. An HLA-DR typing protocol using group-specific PCR-amplification followed by restriction enzyme digests 103
WHELAN, M.A. & ARCHER, J.R. Immunoprecipitation of HLA-B27 with W6/32 reveals the presence of a unique reactive thiol moiety on a closely associated protein 472
WHO-IUIS NOMENCLATURE SUB-COMMITTEE. Nomenclature for human complement component C2* 299
WHO-IUIS NOMENCLATURE SUB-COMMITTEE. Nomenclature for human complement component C4* 301
WHO-IUIS NOMENCLATURE SUB-COMMITTEE. Nomenclature for human complement factor B* 307
WILLIAMS, F. & MIDDLETON, D. Determination of HLA-B alleles by digoxigenin-labelled oligonucleotide probes and comparison with serological results 493
WILLIAMSON, J.F. *see* DEGLI-ESPOSTI, M.A.
WILSON, P.J. *see* REYNOLDS, W.M.
WOOD, K.J. Peripheral tolerance to alloantigen: strategies for the future 437
WORTHINGTON, J. *see* JAWAHEER, D.
WRIGHT, D.H. *see* HOWELL, W.M.

YANG, J.Q. *see* ZHAO, Y.P.
YANG, J.Q. *see* ZHAO, Y.P.
YAO, Z., HARTUNG, K., DEICHER, H.G., BRÜNNLER, G., BETTINOTTI, M.P., KELLER, E., PAUL, C., GAWRON, C., MIKSCHL, S., ALBERT, E. & THE MEMBERS OF THE SLE STUDY GROUP. DNA typing for HLA-DPB1-alleles in German patients with systemic lupus erythematosus using the polymerase chain reaction and DIG-ddUTP-labelled oligonucleotide probes 259
YIN, J.L. *see* SAGE, D.A.
YIPING, H., QING, G. & MEIYUN, W. Genetic polymorphism of human plasminogen (PLG) in a Chinese population 91
YUNIS, E.J. *see* DUBEY, D.P.

ZAHARIAN, B.I. *see* DUBEY, D.P.
ZEMMOUR, J. & PARHAM, P. HLA class I nucleotide sequences, 1992 29
ZHAO, Y.P., YANG, J.Q., GE, Y., FAN, L.A., LOISEAU, P. & COLOMBANI, J. HLA-DR and DQB1 genotyping in a Chinese population 293

SUBJECT INDEX

abortion, recurrent spontaneous, and HLA-DR, -DQ, -DP 249–58
African groups
  HLA-A tissue typing 492
  TAP 2D absence 503
alloantigen
  mechanism of tolerance induction 443–6
  peripheral tolerance 439–49
amino acid matching, and HLA-A, -B differences 480
amplification primers, in HLA-DR typing 105
amplification refactory mutation system *see* ARMS
amplified DNA probes, digoxigenin-labelled, for HLA class-II typing 419–27
ankylosing spondylitis 472
  and HLA-B27 typing 495
antibodies, ANA, and early onset pauciarticular JCA 481
antibodies, anti-epithelial cell *see* AECA
antibody monitoring, post-transplant 515
antibody screening, by EBV cell pools 513
antigen
  B cell, detection of 273–84
  caprine leucocyte class I/II in CAE 285–88
Antigen processing and recognition (McCluskey), reviewed 129
ARMS, in HLA-B tissue typing 491
ARMS PCR for HLA-A tissue typing 492, 494
ARMS-RFLP, multiplex 175–87
arthritis
  caprine *see* CAE
  early onset pauciarticular
  – and ANA antibodies 481
  – and HLA-DRB1, -DPB1 482
  – and TAP2B 468
atherosclerosis, coronary 95
autoimmune disease, and HLA class II 153–64

B-cell antigen (goat) detection 273–84
B- and T-cell crossmatching 514
B-cell lines, HLA class-II antigen quantitation 189–92
blood transfusion effect 441
bone marrow donor register 506
bone marrow transplantation, donor selection for 289–92

C2 component (human) nomenclature 299–300
C3 phenotype distribution in mumps meningitis 267–71
C3 polymorphism (murine) 5–6
C3b, murine 1–9
C4 component (human) nomenclature 301–5
C4 deficiencies, and SLE 11–21
CAE, occurrence of leucocyte class I/II antigens 285–88
caprine B-cell antigen detection 273–84
carcinoma of the cervix and HLA-DQ in Jews 327–33
CD 155, 159–160
  and HLA-DQA1 polymorphism 399–407
  and HLA-DRB, -DQA, -DQB polymorphism 484
cervical carcinoma, and HLA-DQ in Jews 327–33
coeliac disease *see* CD
complement dependent microlymphocytotoxicity assay, for sHLA-C detection 497
complement factor Bf *see* B*
complement-dependent lymphocytotoxicity technique 512
coronary artery disease 95–102
Crohn's disease, HLA-DR, -DQ analysis 429–33
CTL_P assay for renal transplant 517
CYP21 genes, and SLE 11–21

diabetes mellitus, insulin dependent *see* IDDM
diabetic resistance, murine, genetic basis 409–17
disk, HLA I/II sequences on 151
DNA crossmatching 509
DNA extraction, and sample mixing determination 475
DNA typing for HLA-DPB1 alleles 259–66
donor selection, for bone marrow transplantation 289–92

*EBV cell
  for antibody screening 513
  and HLA class-II expression 502
  for post-transplant antibody monitoring 515
ELISA technique for HLA class-II typing 419–27
enteropathy-associated T cell lymphoma, and HLA-DRB, -DQA, -DQB polymorphism 484

Felty's syndrome 501
flow cytometry
  alloantibody detection 476
  HLA antibody detection 512
  three colour, for T- and B-cell crossmatching 514

foeto-maternal HLA-DR, -DQ, -DP compatibility 249–58

gene therapy, and alloantigen tolerance 442
Greeks, HLA class-II linkage disequilibria/allele frequencies 505

haplotyping, genomic, of MHC mutants 373–80
heart transplant rejection, and HLA mismatch 478
HLA
antibody detection using flow cytometry 512
compatible platelet donors 508
mismatch, and heart transplant rejection 478
(soluble) antigen detection 497
and testis cancer family, class-II DNA typing 485
class I
– in acute non-lymphoblastic leukaemia 165–73
– genotyping by multilocus PCR 490
– in RA families 499
– sequences on disk 151
– antigen quantitation on B-cell lines 189–92
– and autoimmune disease 153–64
– DNA crossmatching/MLR correlation 509
– haplotype frequencies in Greeks 505
– nucleotide sequences 47–79
– polymorphism and IDDM in Greeks 193–9
– typing, non-radioactive 419–27
– tissue typing using ARMS PCR 492
A19 subtyping by ARMS PCR 494
B27
– molecular typing 483
— MoAb/PCR-SSOP compared 495
– and inflammatory conditions 472
B5-B17, -B18, -B35, -B53, -B78 gene identification by PCR-SSP 488
B8JON 498
C
– locus antigens (soluble), detection of 497
– typing using PCR-SSP 489
DP and SLE 500
DPA1-DPB1 mismatch in bone marrow transplant 479
DPB1 alleles
– DNA typing 259–66
– in HLA-DR/DQ-DP linkage disequilibrium 363–71
DQ and cervical carcinoma 327–33
DQA, -DQB haplotypes in Swedish population 453–60
DQA1 gene, upstream promoter region
DQA1 5′ flanking region polymorphism 399–407
DR-DQ, -DP
– and recurrent spontaneous abortion 249–58
– linkage disequilibrium 363–71
DR
– -DQ RFLP analysis in Crohn's disease 329–33
– -DQB1 genotyping in Chinese population 293–97
– genotype and coronary artery disease 95–102
– matched blood transfusion, and sensitization in renal transplantation 511
– typing by PCR-ELISA 496
DR4
– and actinic prurigo 469
– homo/heterozygotes identification 175–87
– and large granular lymphocyte syndrome 501
– and RA 501
– subtyping, multiplex ARMS-RFLP for 175–87
DR10, mAbs against 111–21
DRB1
– association with HLA, B, DQ loci 506, 507
– -DPB1 in early onset pauciarticular JCA 482
– sequence and RA 83–9, 391–98
– SLA polymorphism 486
– specific PCR-SSP product detection 123–5

IDDM 154, 157, 175
and HLA class-II polymorphism in Greeks 193–9
and TCR α, β and γ chain genes 317–25
see also autoimmune disease
immunosuppression 439–49

L cell transfectants, and mAbs recognition site analysis 23–7
Lecture Notes on Immunology (Reeves & Todd), reviewed 128–9
LED *see also* autoimmune disease 154
Lesk, A.M., *Protein Architecture . . .* reviewed 127–8
leukaemia acute non-lymphoblastic, HLA-I expression 165–73
leukaemia cells, for alloantibody detection 476
lipoprotein $L_P(a)$ in coronary disease 95–102
lupus erythematosus disseminatus *see* LED

mAbs
against HLA-DR10 111–21
for quantitation of HLA class-II antigens 189–92
for HLA-B27 typing 495
recognition site analysis 23–7
human/murine compared 117–18
McCluskey, J., *Antigen processing and recognition*, reviewed 129

meningitis 267–71
MG *see also* autoimmune disease 154, 160–1
MHC class-II gene transfectants 23–7
MHC mutant haplotyping 373–80
microcytotoxicity assay for AECA 477
microlymphocytotoxicity assay, for sHLA-C detection 497
microsatellite marker
  for sample mixing determination 475
  and TNF levels 473
MLR (mixed leukocyte reaction) 509
  for marrow donor selection 289–92
MoAb (mAbs) for HLA-B27 typing 495
monoclonal antibodies *see* mAbs
multiple sclerosis *see* MS
multiplex ARMS-RFLP 175–87
mumps meningitis, C3 and BF in 267–71
murine diabetic resistance, genetic basis 409–17
murine *L. major* infection 335–348
  gene mapping 349–62
  genetic control 335–48
myasthenia gravis *see* MG
myocardial infarction 95

NK (natural killer cell) regulation, murine, and Chr 4 381–89
nucleotide sequences
  HLA class I 29–45
  HLA class II 47–79

oligonucleotide probes, biotin-labelled for HLA class-II typing 419–27
oligonucleotide/serological determination of HLA-B compared 493

PCR
  amplification, in HLA-DR typing 103–9
  for DNA typing in SLE 259–66
  ELISA for HLA-DR typing 496
  multilocus, for HLA class-I genotyping 490
  SSOP 495, 510
  SSP
  – for HLA gene amplification 488
  – for HLA-C typing 489
  – products (HLA-DRB1 specific), detection 123–5
Pemphigus vulgaris 175–6
photometric detection for PCR-SSP products 123–5
plasminogen (human) *see* PLG
platelet donors, homozygous 508
PLG polymorphism of Chinese population 91–4
polymerase chain reaction *see* PCR
porcine model for organ transplantation 486
precursor cell frequencies, in renal transplants 516
pregnancy, and allogenic interactions 249–50
probes
  DIG-ddUTP-labelled oligonucleotides 259–66
  oligonucleotide, for HLA-B determination 493
Protein Architecture: A Practical Approach (Lesk), reviewed 127–8
prurigo, actinic, and HLA-DR4 469

QAP polymorphism 399–407

RA 160, 175
  detection of susceptibility 119–20
  and HLA class I/II alleles 499
  HLA-DRB1* gene sequences 83–9
  HLA-DR4 501
  susceptibility in Greeks, and HLA-DRB1 sequences 391–98
  TCR γ locus 474
Reeves, G., *Lecture Notes on Immunology*, reviewed 128–9
renal transplant
  and AECA assay 477
  CTL_P assay 517
  and sensitization 511
  precursor cell frequencies 516
restriction enzyme digests, in HLA-DR typing 103–9
RFLP (restriction fragment length polymorphism) of TCR 317–25
rheumatoid arthritis *see* RA
RNA and HC expression in leukaemia 171

sample mixing determination 475
sensitization, and HLA-DR matched blood 511
sequence specific primers *see* PCR-SSP
sequences *see under* HLA class I; HLA class II
serological determination of HLA-A alleles 493
shared epitope hypothesis 87
SLA-DRB polymorphism 486
SLE (systemic lupus erythematosus)
  and complement C4 deficiencies 11–21
  DNA typing for HLA-DPB1 alleles 259–66
  HLA-DP 500

T-cell lymphoma, and HLA-DRB, -DQA, -DQB polymorphism 484
T-cell receptor *see* TCR
T-cell repertoire *see* TC repertoire
TAP*
  gene associations in Caucasoids 504
  polymorphism in MS patients 467
TAP 2B and early onset pauciarticular arthritis 468
TAP 2D in Yoruba Nigerians 503
TC repertoire selection, by mouse mammary tumour viruses 137–49

TCR
α-, β- and γ-chain genes in IDDM 317–25
β-chain repertoire, primate 470, 471, 487
γ-locus, and RA 474
V-β positive selection 143–4
testis cancer family, class-II DNA typing 485
thiol groups, and HLA-B27 structure 472
TNF levels and heart transplants 473
Todd, I., *Lecture Notes on Immunology*, reviewed 128–9
transfectants, and mAbs recognition site analysis 23–7
transplant
antibody monitoring 515
CTL_P assay 517
matching, HLA-DPA1, -DPB1 mismatch incidence 479
porcine model for 486
precursor cell frequencies 516
rejection, and HLA mismatch 478
transporters associated with antigen processing *see* TAP
tumour necrosis factor *see* TNF